



Microchip Technology

## ATMEGA164P-20AUR

Part Number:	ATMEGA164P-20AUR
Manufacturer/Brand:	Micrel / Microchip Technology
Product description:	IC MCU 8BIT 16KB FLASH 44TQFP
Datasheets:	
RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	31014 pcs stock
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

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Image may be representation. See specifications for product details.

### Specifications of ATMEGA164P-20AUR

PART NUMBER	ATMEGA164P-20AUR
MANUFACTURER	Microchip Technology
DESCRIPTION	IC MCU 8BIT 16KB FLASH 44TQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	31014 pcs
DATA SHEET	
VOLTAGE - SUPPLY (VCC/VDD)	FLASH
VOLTAGE - BREAKDOWN	44-TQFP (10x10)
SERIES	AVR® ATmega
ROHS STATUS	Digi-Reel®
REVERSE RECOVERY TIME (TRR)	20MHz
REQUIRES	Brown-out Detect/Reset, POR, PWM, WDT
PROGRAM MEMORY TYPE	16KB (8K x 16)
PROGRAM MEMORY SIZE	I <sup>2</sup> C, SPI, UART/USART
POLARIZATION	44-TQFP
OTHER NAMES	1611-ATMEGA164P-20AURDKR
OSCILLATOR TYPE	A/D 8x10b
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
OPERATING SYSTEM	AVR
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MANUFACTURER PART NUMBER	ATMEGA164P-20AUR
EXPANDED DESCRIPTION	AVR AVR® ATmega Microcontroller IC 8-Bit 20MHz 16KB (8K x 16) FLASH 44-TQFP (10x10)
DESCRIPTION	IC MCU 8BIT 16KB FLASH 44TQFP
DATA SRAM BYTES	512 x 8
DATA CONVERTERS	2.7 V ~ 5.5 V
CORE SIZE	1K x 8
CONTROLLER SERIES	Internal
CONNECTIVITY	8-Bit
CLOCK RATE	32

### Related Tags

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### Related Products

<p><b>ATMEGA164P-15MZ</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 16KB FLASH 44QFN In stock: 3796 pcs</p> <p><a href="#">RFQ</a></p>	<p><b>ATMEGA164P-15MT1</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 16KB FLASH 44QFN In stock: 6079 pcs</p> <p><a href="#">RFQ</a></p>
<p><b>ATMEGA164P-20AUR</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 16KB FLASH 44TQFP In stock: 26429 pcs</p> <p><a href="#">RFQ</a></p>	<p><b>ATMEGA164P-20MQR</b> Manufacturers: Microchip Technology Description: IC MCU 8BIT 16KB FLASH 44VQFN In stock: 25540 pcs</p> <p><a href="#">RFQ</a></p>
<p><b>ATMEGA164P-20MCUR</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 16KB FLASH 44VQFN In stock: 4248 pcs</p> <p><a href="#">RFQ</a></p>	<p><b>ATMEGA164P-20AQR</b> Manufacturers: Microchip Technology Description: IC MCU 8BIT 16KB FLASH 44TQFP In stock: 26291 pcs</p> <p><a href="#">RFQ</a></p>
<p><b>ATMEGA164P-20MQ</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 16KB FLASH 44VQFN In stock: 32121 pcs</p> <p><a href="#">RFQ</a></p>	<p><b>ATMEGA164P-20MCU</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 16KB FLASH 44VQFN In stock: 6141 pcs</p> <p><a href="#">RFQ</a></p>
<p><b>ATMEGA164P-20AU</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 16KB FLASH 44TQFP In stock: 27934 pcs</p> <p><a href="#">RFQ</a></p>	<p><b>ATMEGA164P-20AQR</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 16KB FLASH 44TQFP In stock: 42941 pcs</p> <p><a href="#">RFQ</a></p>
<p><b>ATMEGA164P-20AQ</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 16KB FLASH 44TQFP In stock: 30971 pcs</p> <p><a href="#">RFQ</a></p>	<p><b>ATMEGA164P-20MQR</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 16KB FLASH 44VQFN In stock: 51744 pcs</p> <p><a href="#">RFQ</a></p>